

FIG. 1

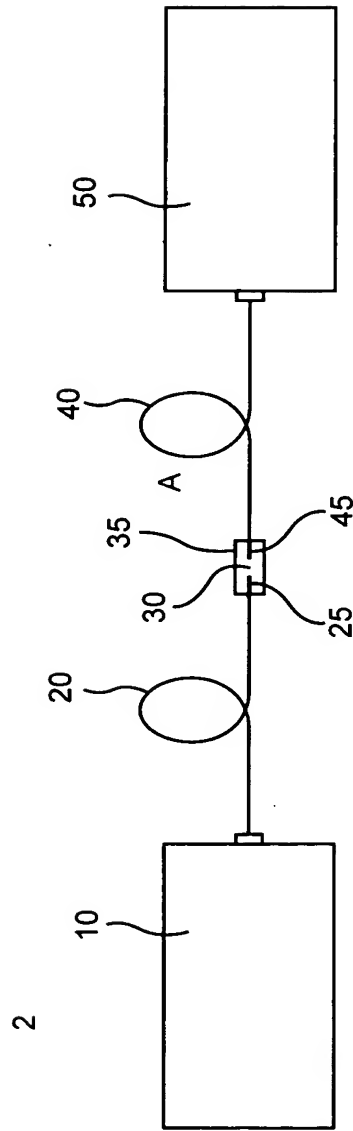


FIG. 2A

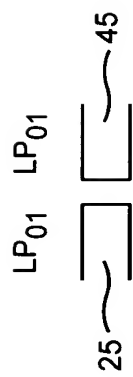
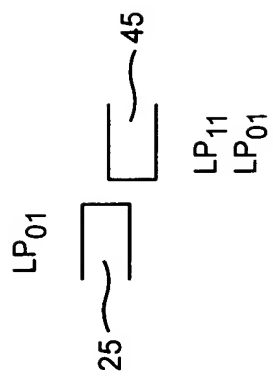


FIG. 2B



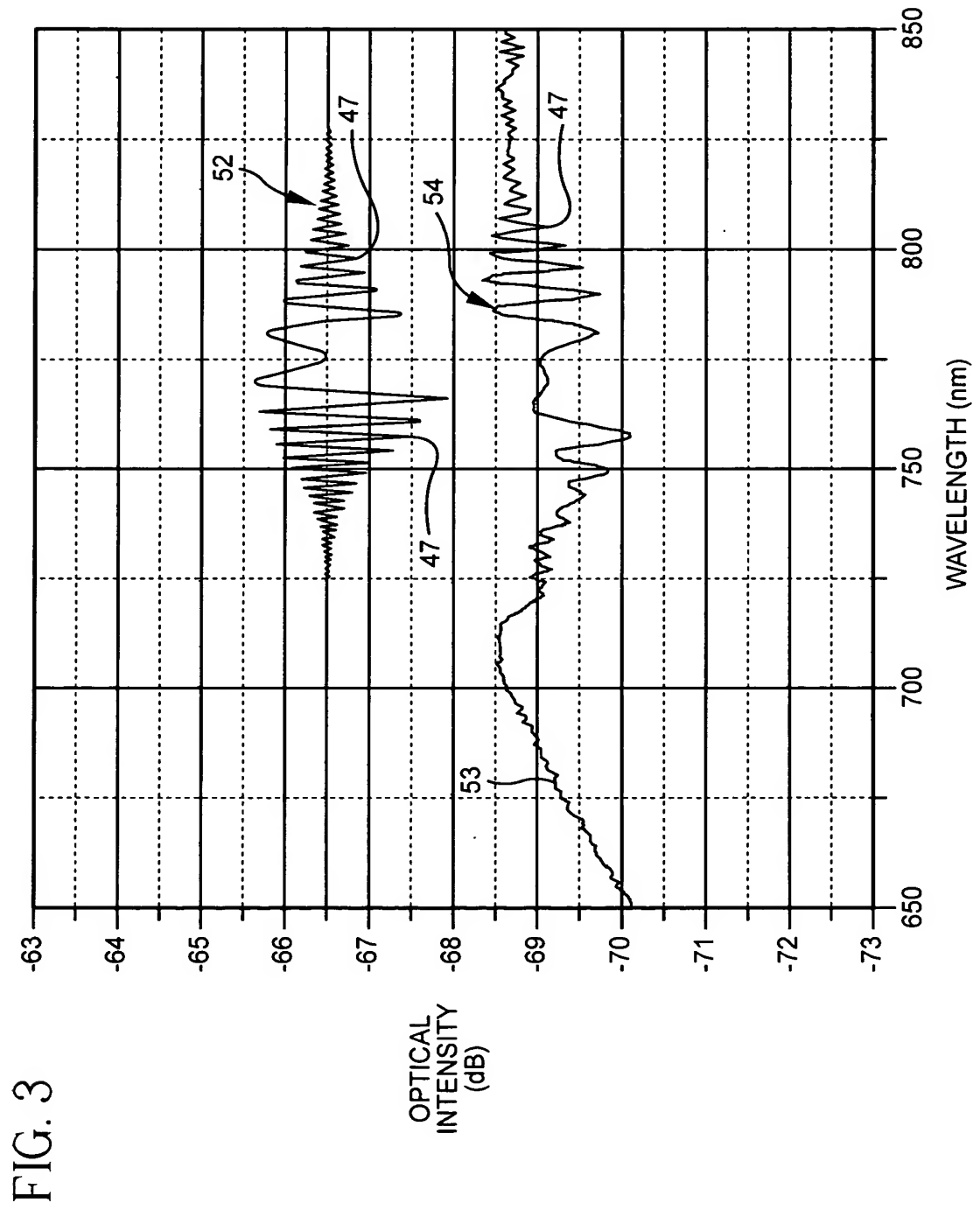


FIG. 4 COHERENCE DAMPING FOR VARIOUS SOURCE LINEWIDTHS

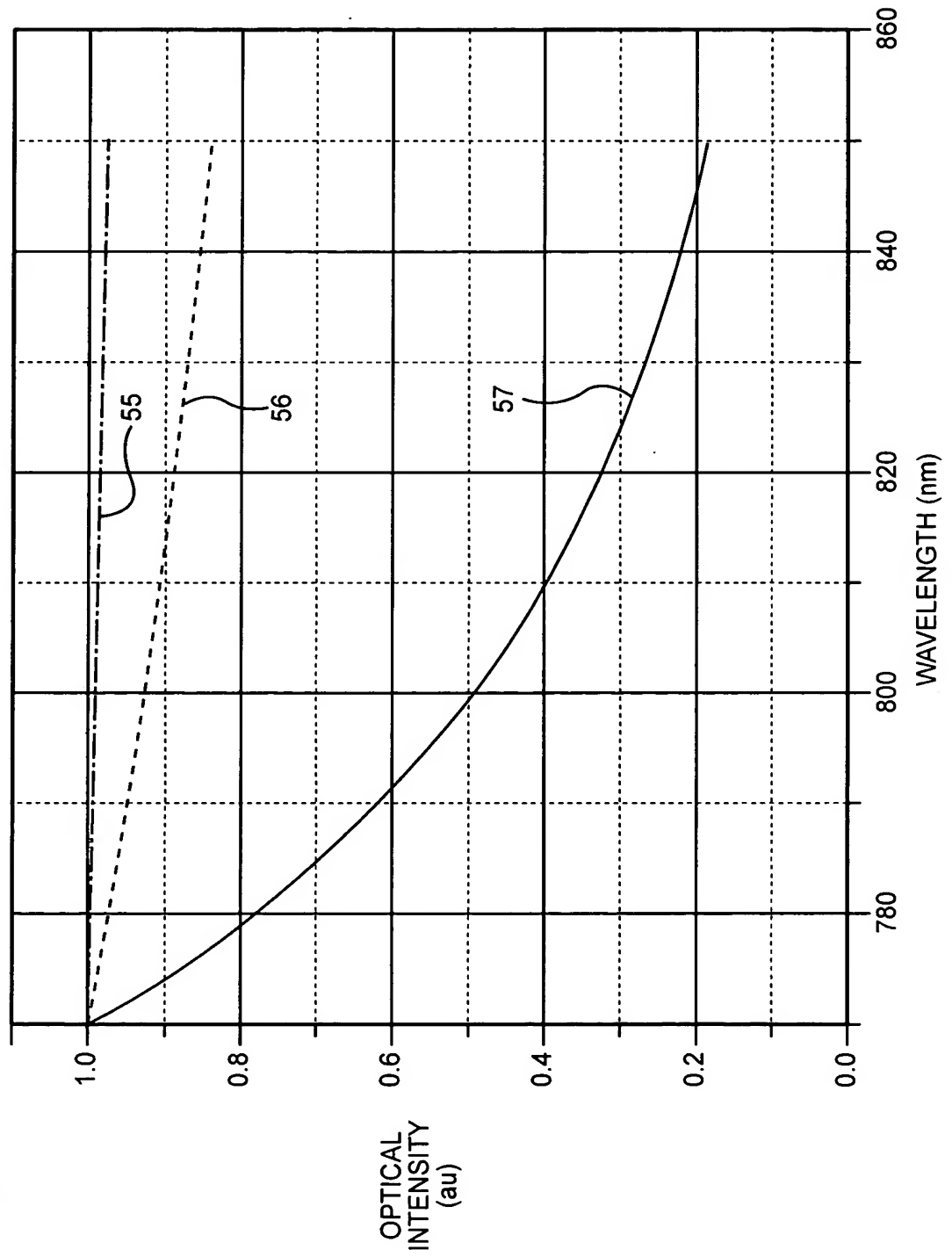


FIG. 5 SIMULATED SPECTRUM FOR OPTICAL FIBER LENGTH = 10 m

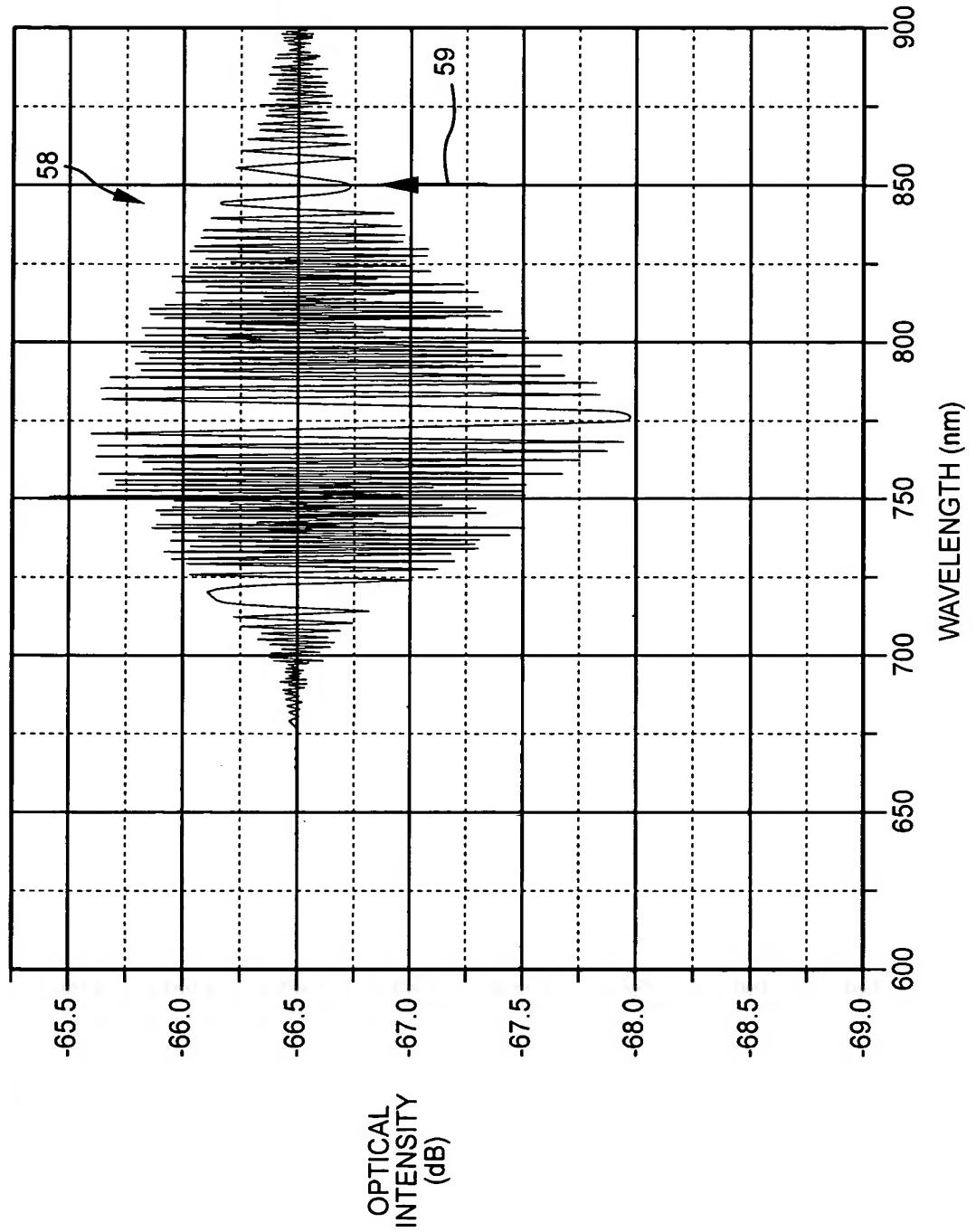


FIG. 6 SIMULATED SPECTRUM FOR OPTICAL FIBER LENGTH = 20 m

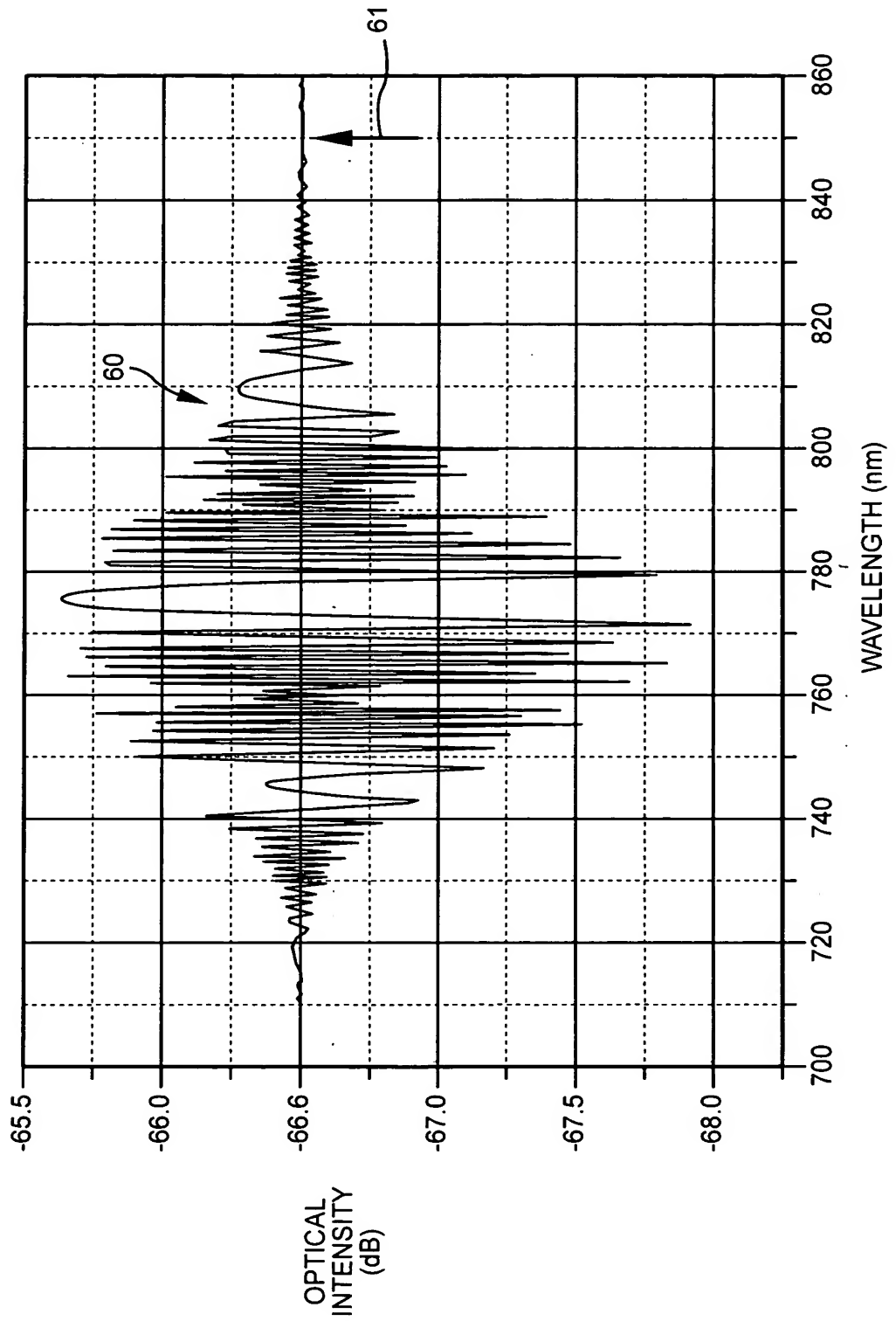


FIG. 7 SIMULATED SPECTRUM FOR OPTICAL FIBER LENGTH = 50 m

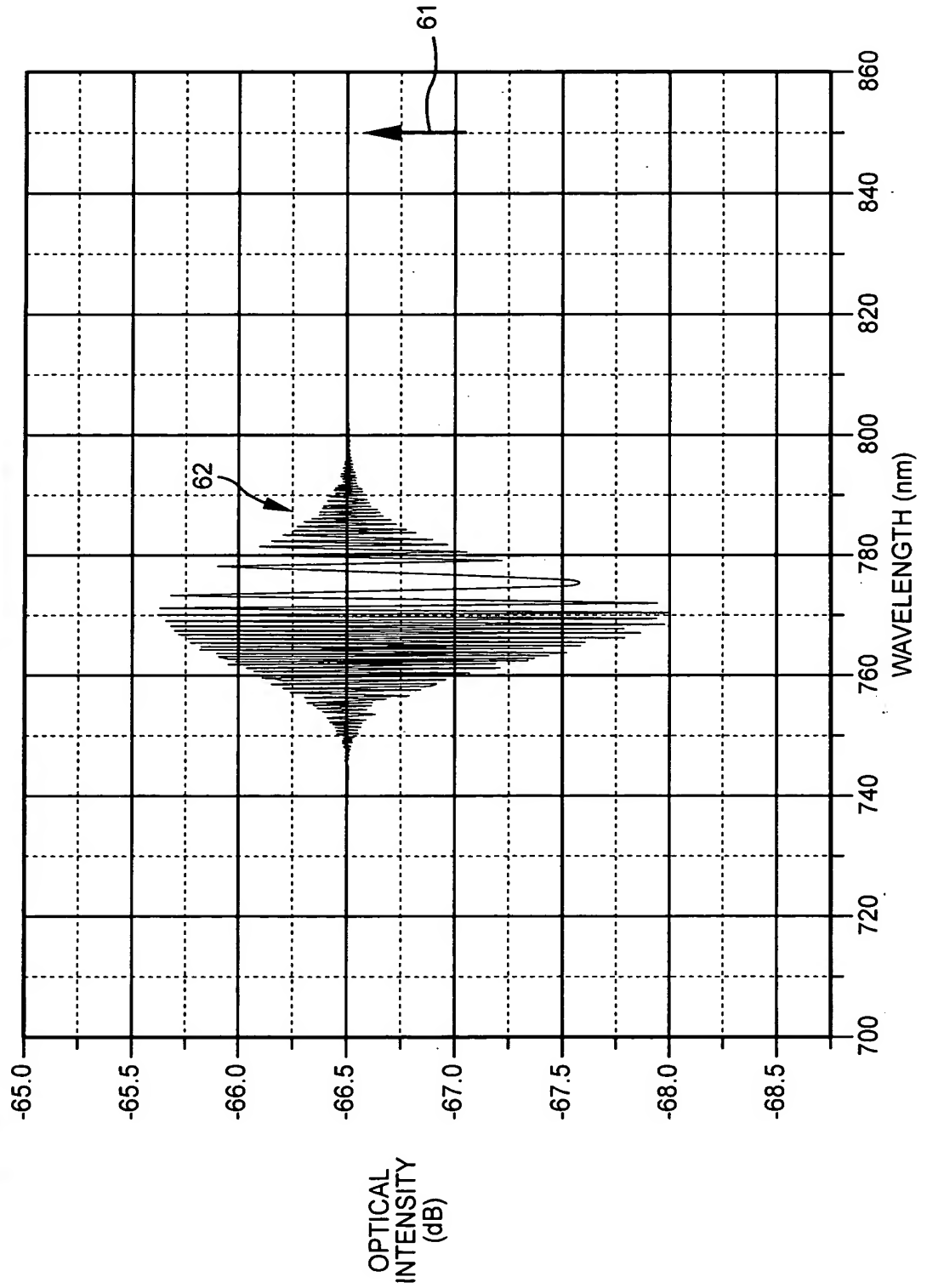


FIG. 8 SIMULATED SPECTRUM FOR OPTICAL FIBER LENGTH = 100 m

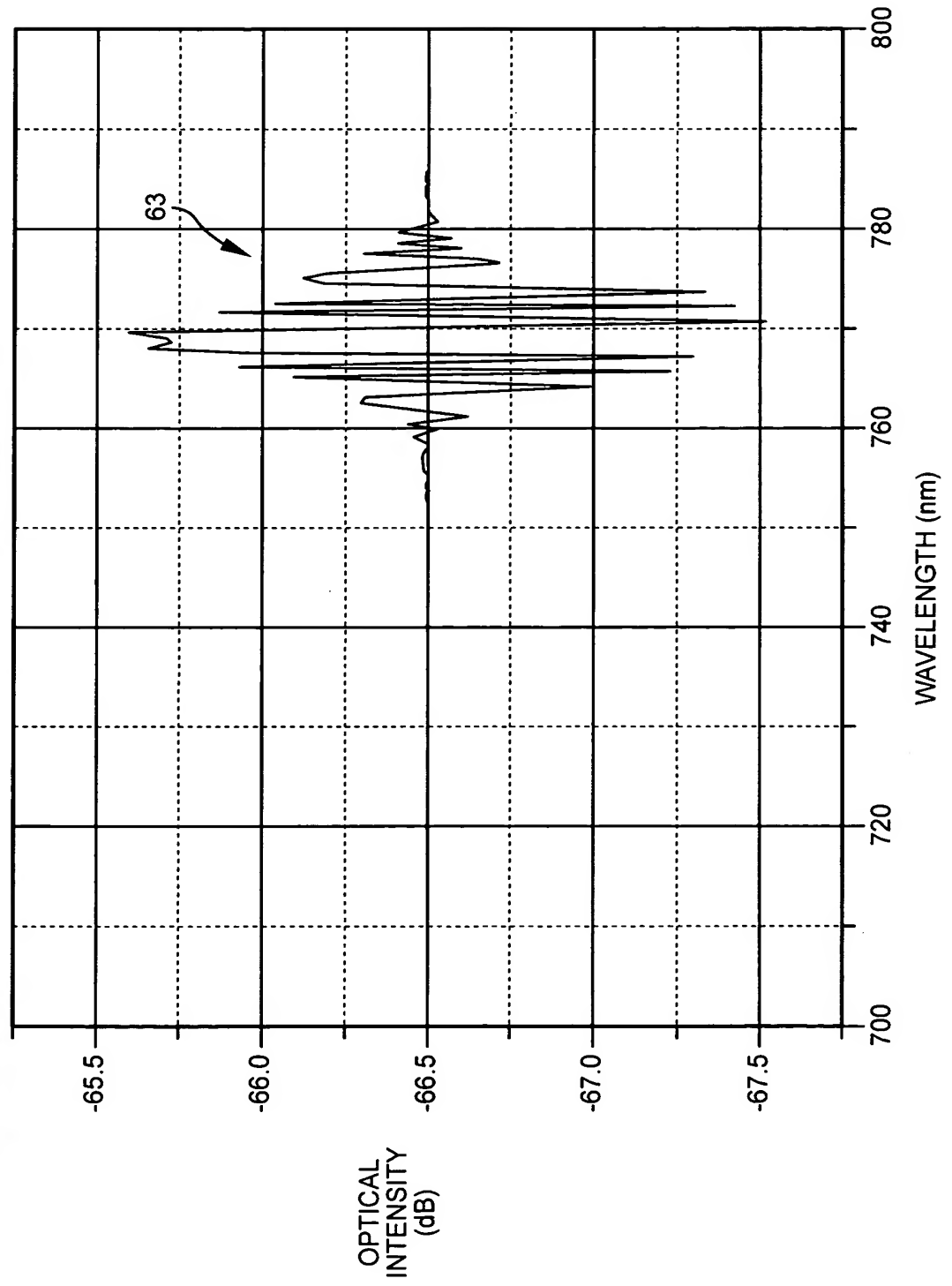


FIG. 9 SIMULATED SPECTRUM FOR OPTICAL FIBER LENGTH = 500 m

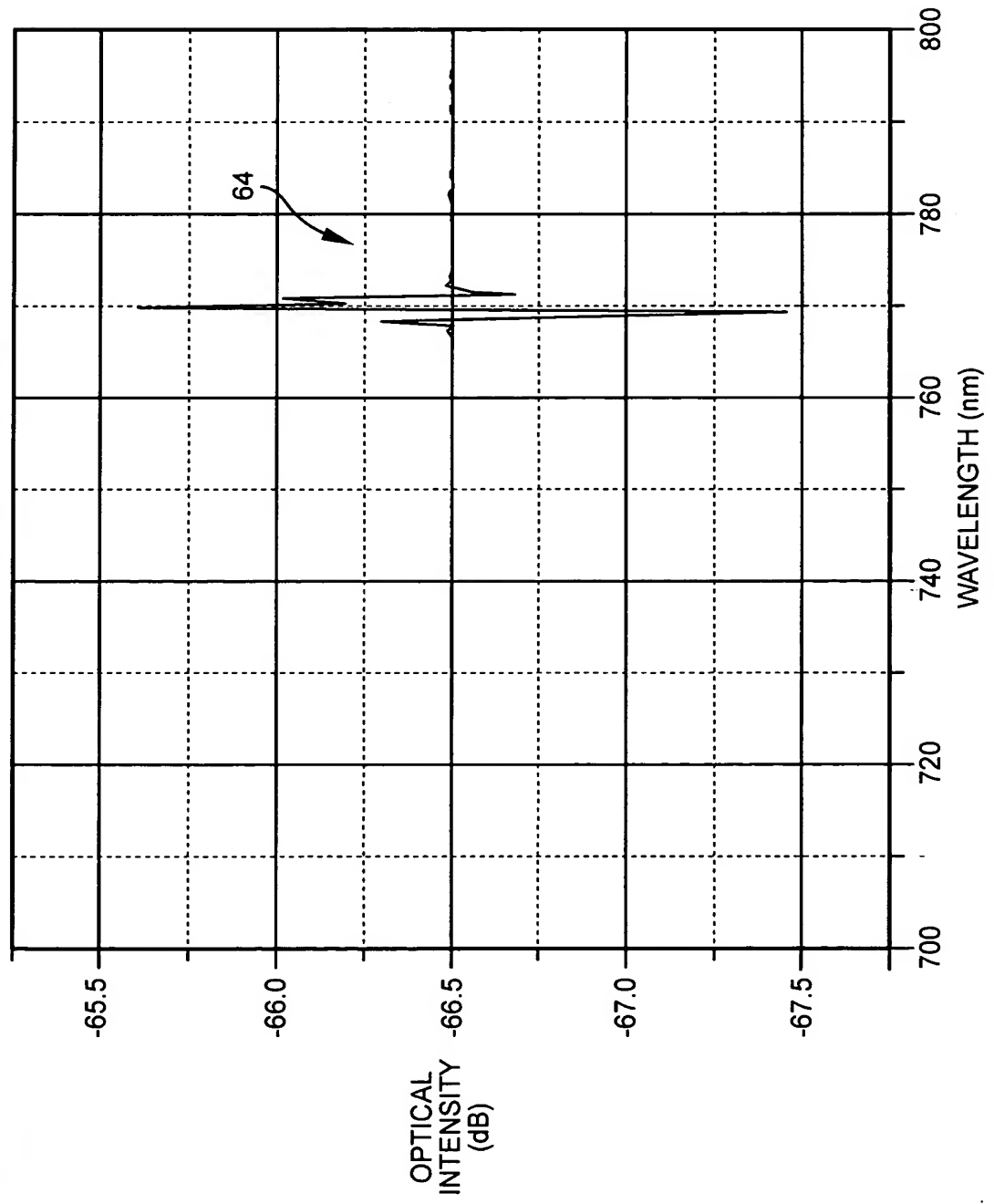


FIG. 10 SIMULATED SPECTRUM FOR OPTICAL FIBER LENGTH = 1000 m

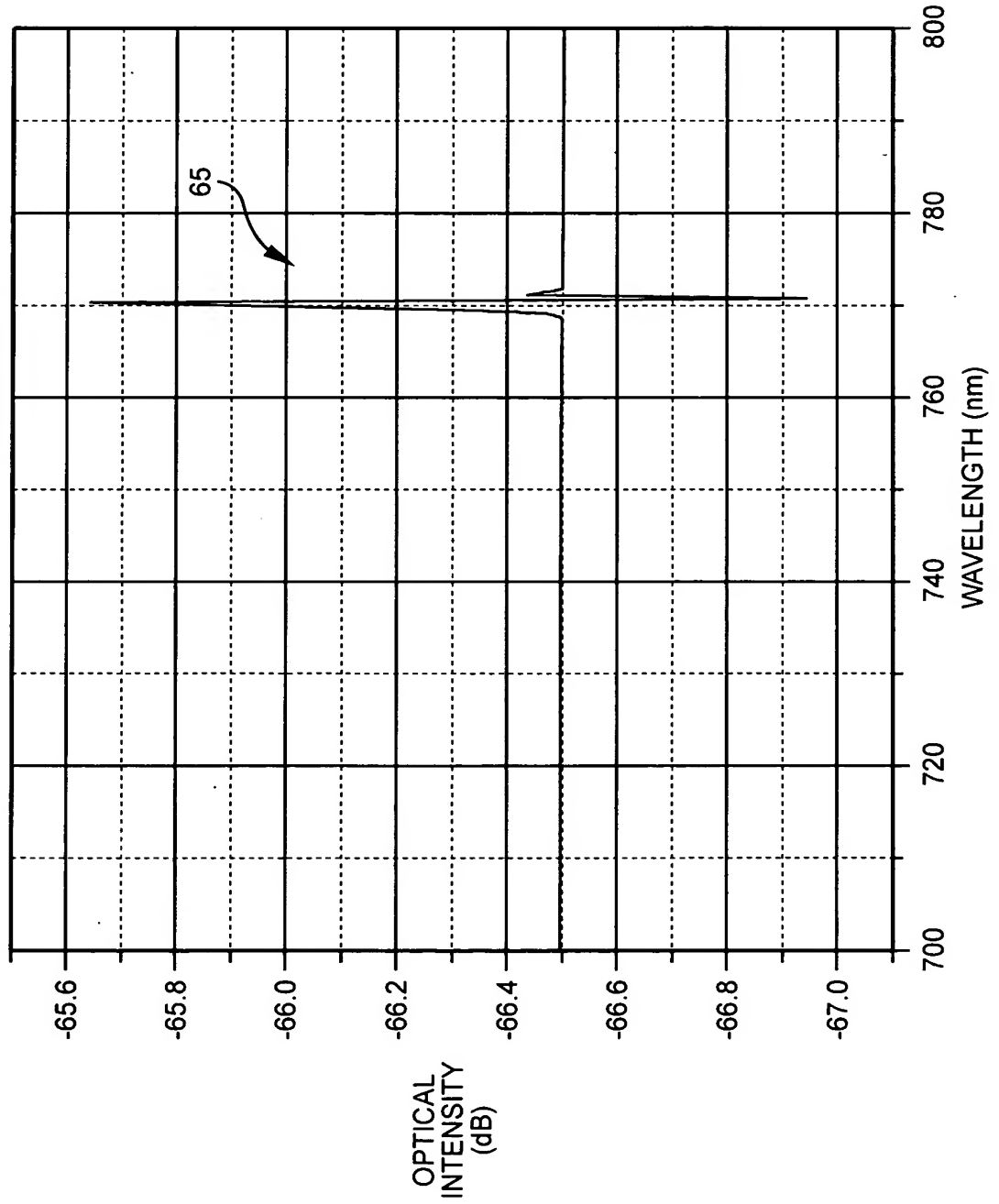


FIG. 11 SIMULATED SPECTRUM FOR OPTICAL FIBER LENGTH = 2000 m

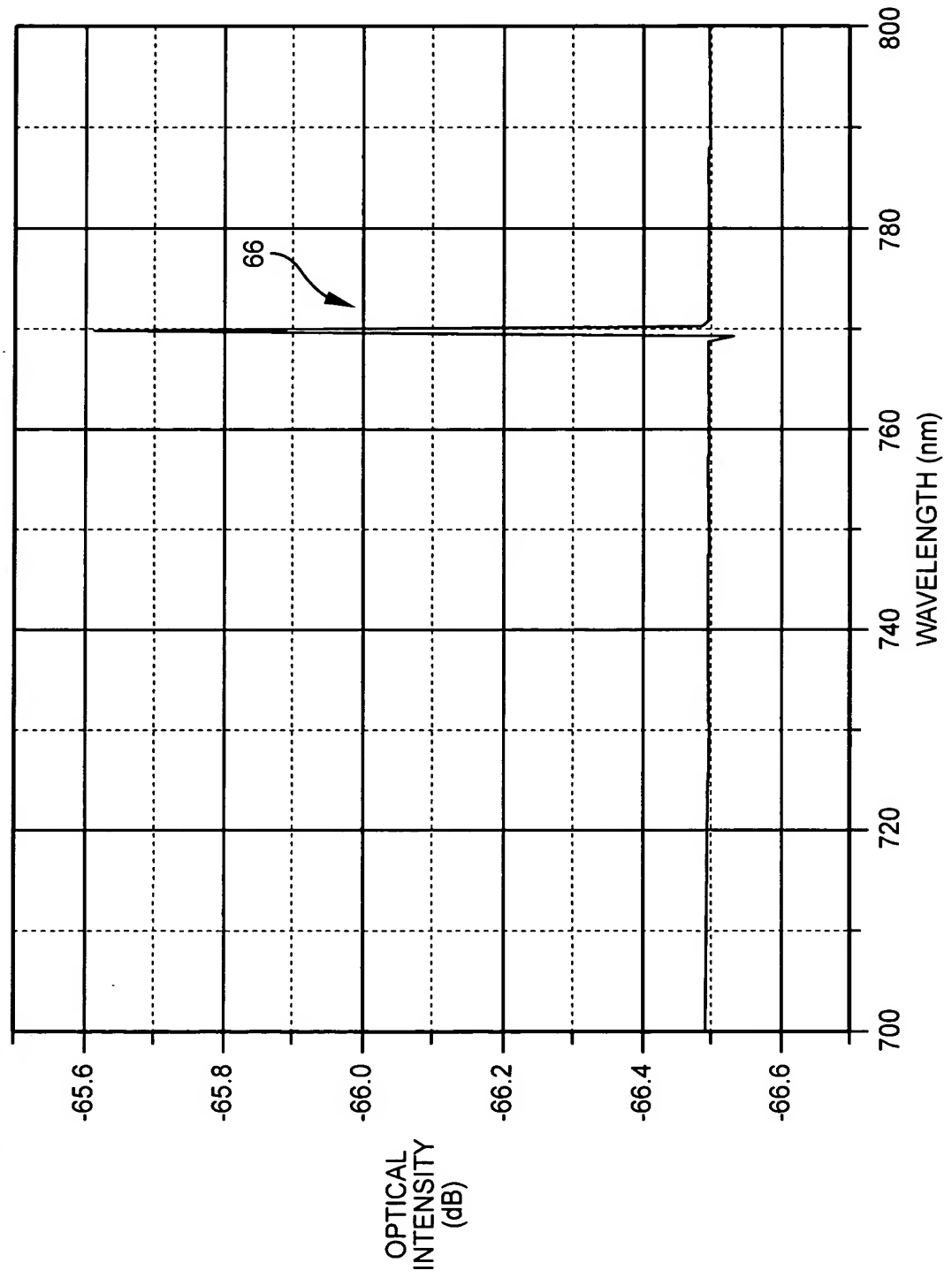


FIG. 12 SIMULATED SPECTRUM FOR OPTICAL FIBER LENGTH = 5000 m

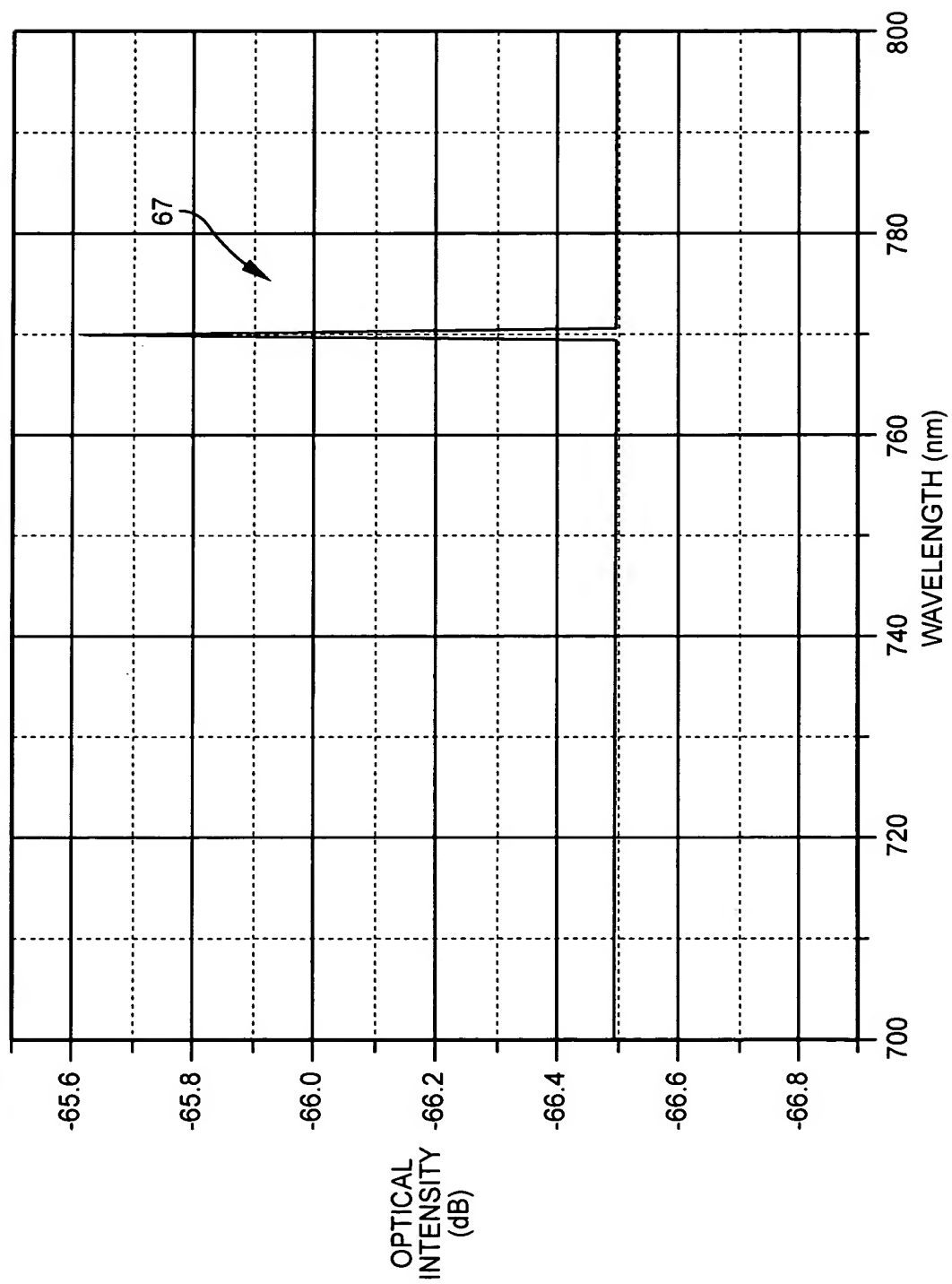
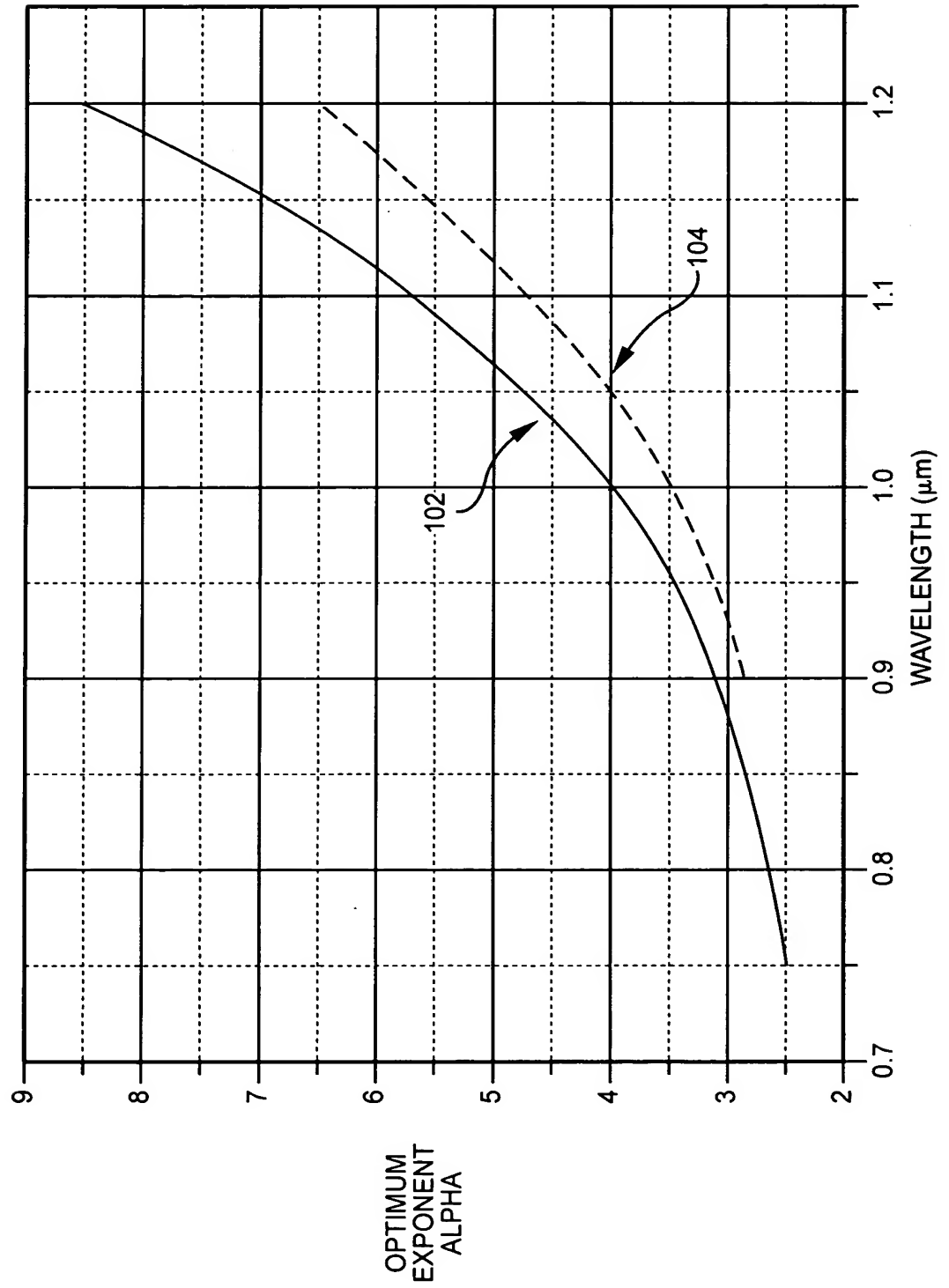


FIG. 13



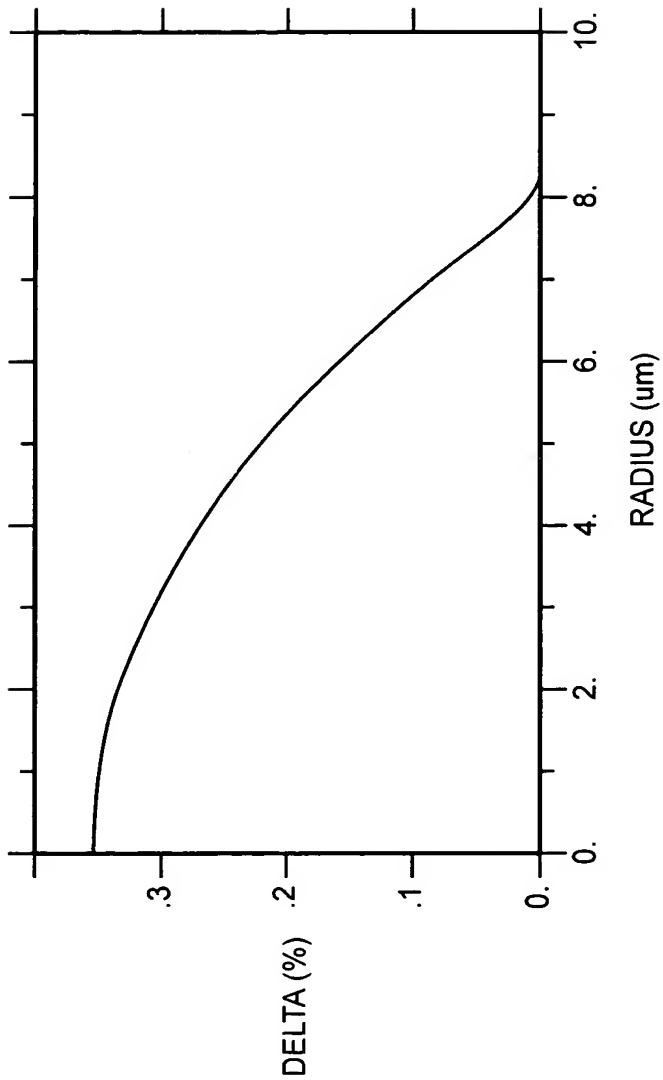


FIG. 14

2

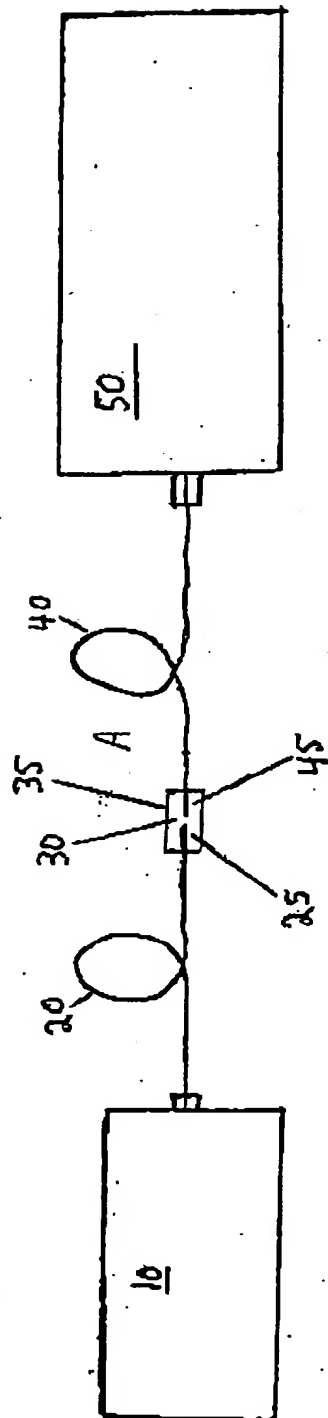


Fig. 1

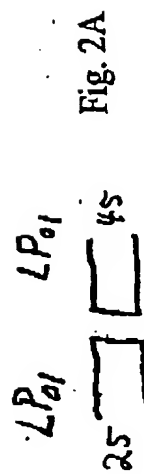


Fig. 2A

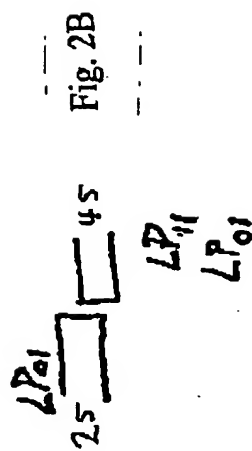
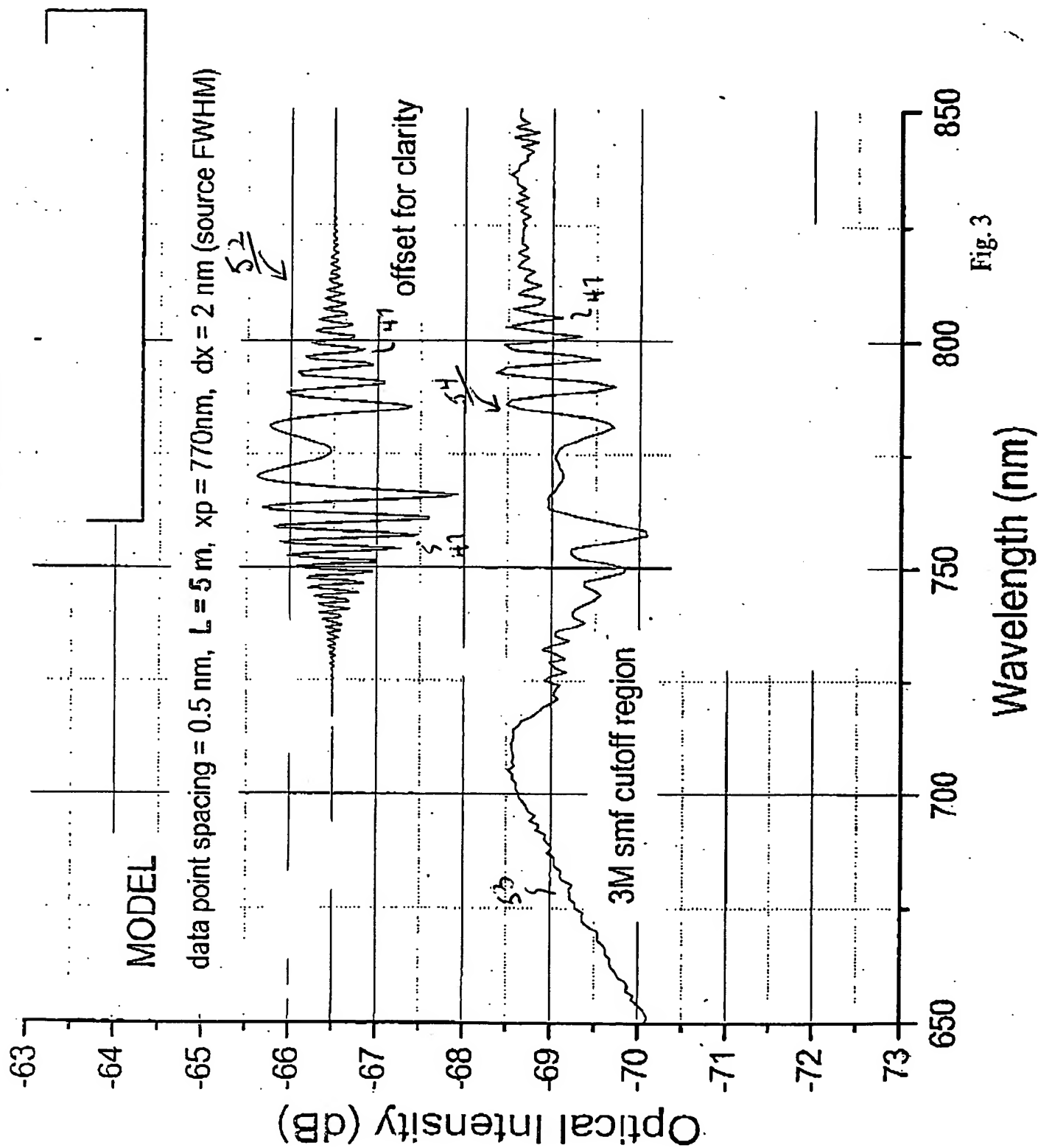


Fig. 2B



Coherence Damping for Various Source Linewidths

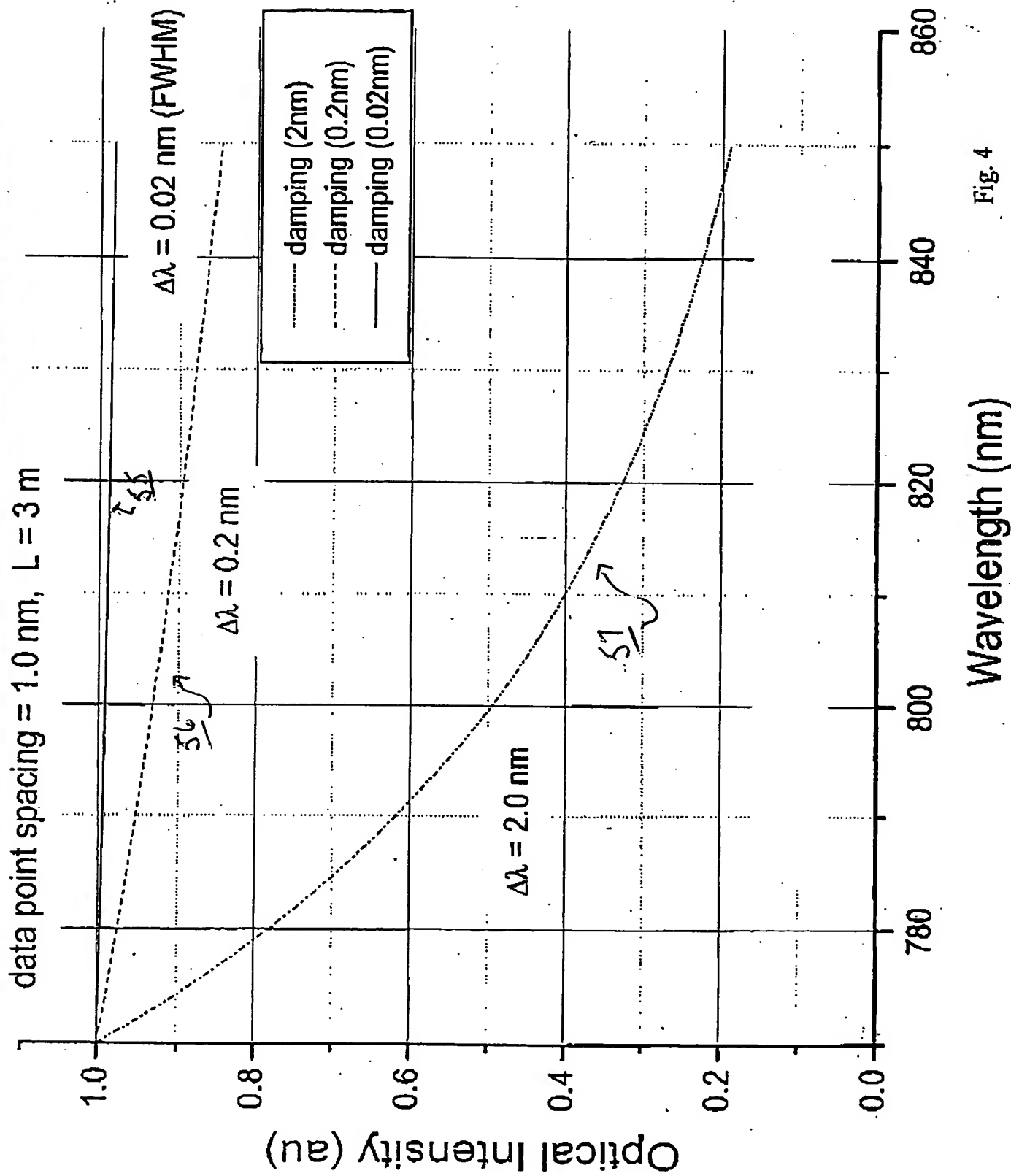


Fig. 4

Simulated Spectrum for Optical Fiber Length = 10 m

$L = 10$ m, $x_p = 770$, 0.5 nm spacing, $dx = 0.40$ nm source spectral width, FWHM

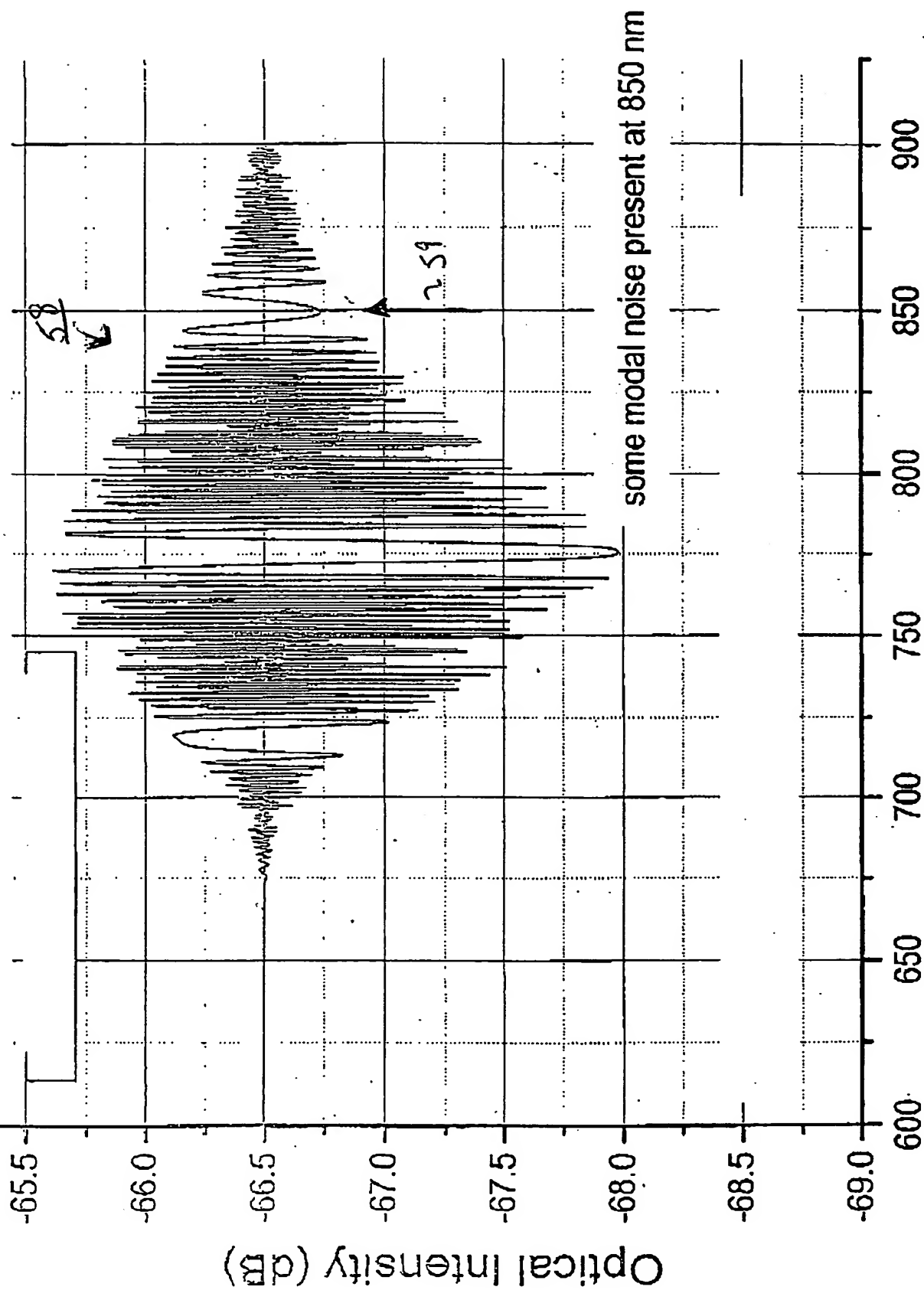


Fig. 5

Wavelength (nm)

Simulated Spectrum for Optical Fiber Length = 20 m

$L = 20$ m, $x_p = 770$, 0.5 nm spacing, $\Delta x = 0.40$ nm source spectral width, FWHM

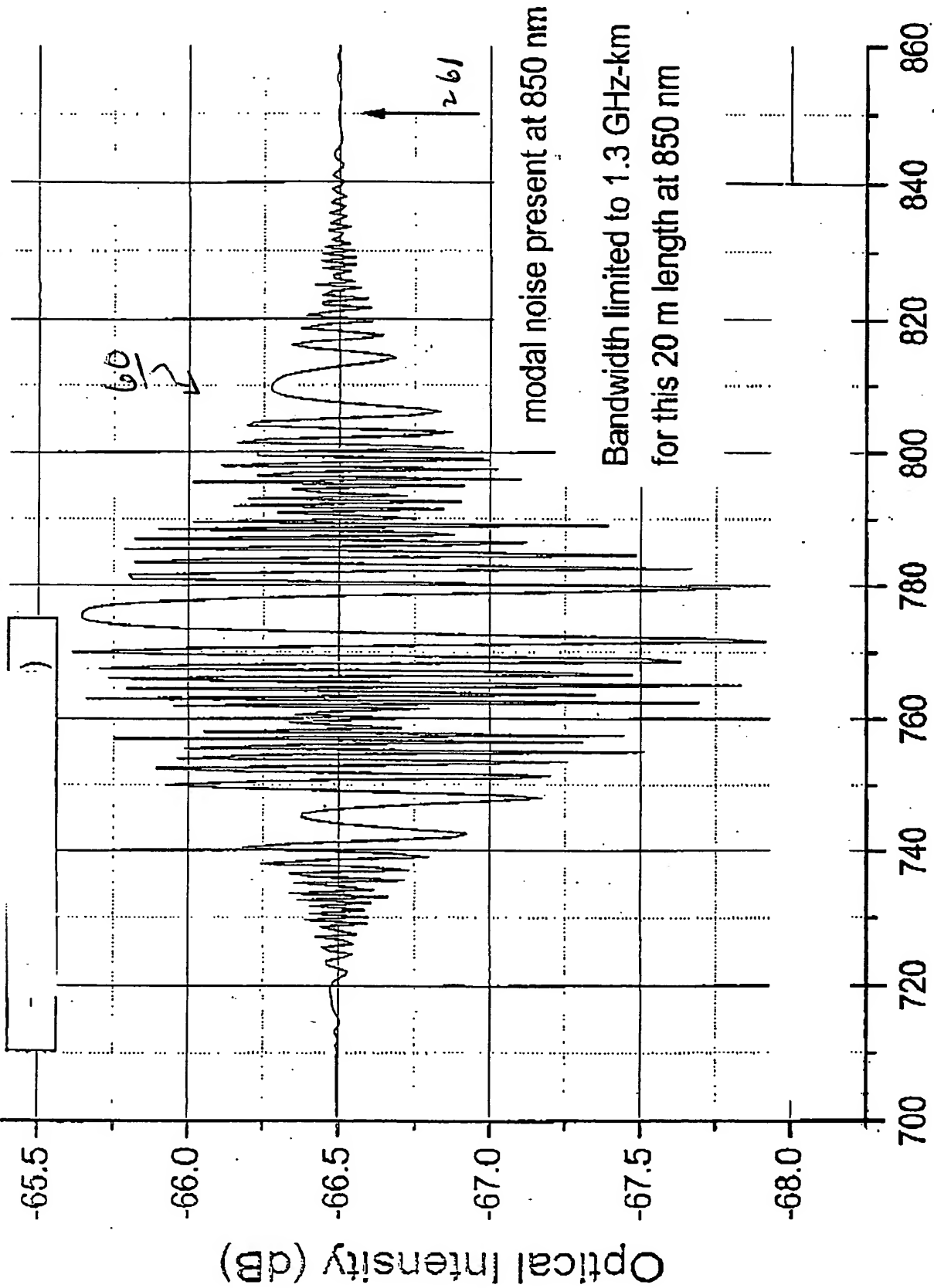


Fig. 6

Wavelength (nm)

Simulated Spectrum for Optical Fiber Length = 50 m

$L = 50$ m, $x_p = 770$, 0.5 nm spacing, $dx = 0.40$ nm source spectral width, FWHM

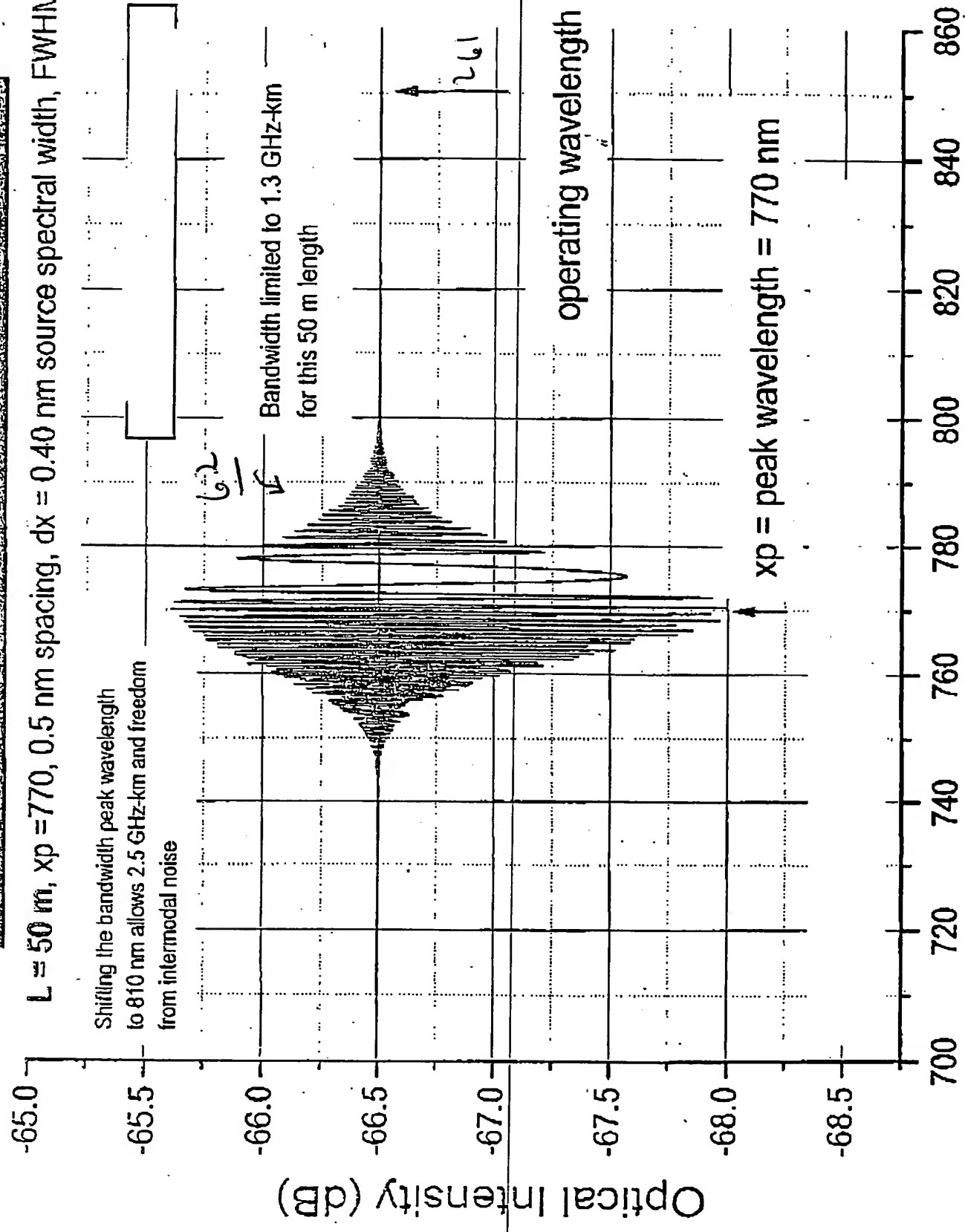


Fig. 7

Wavelength (nm)

Simulated Spectrum for Optical Fiber Length = 100 m

$L = 100$ m, $x_p = 770$, 0.5 nm spacing, $dx = 0.40$ nm source spectral width, FWHM

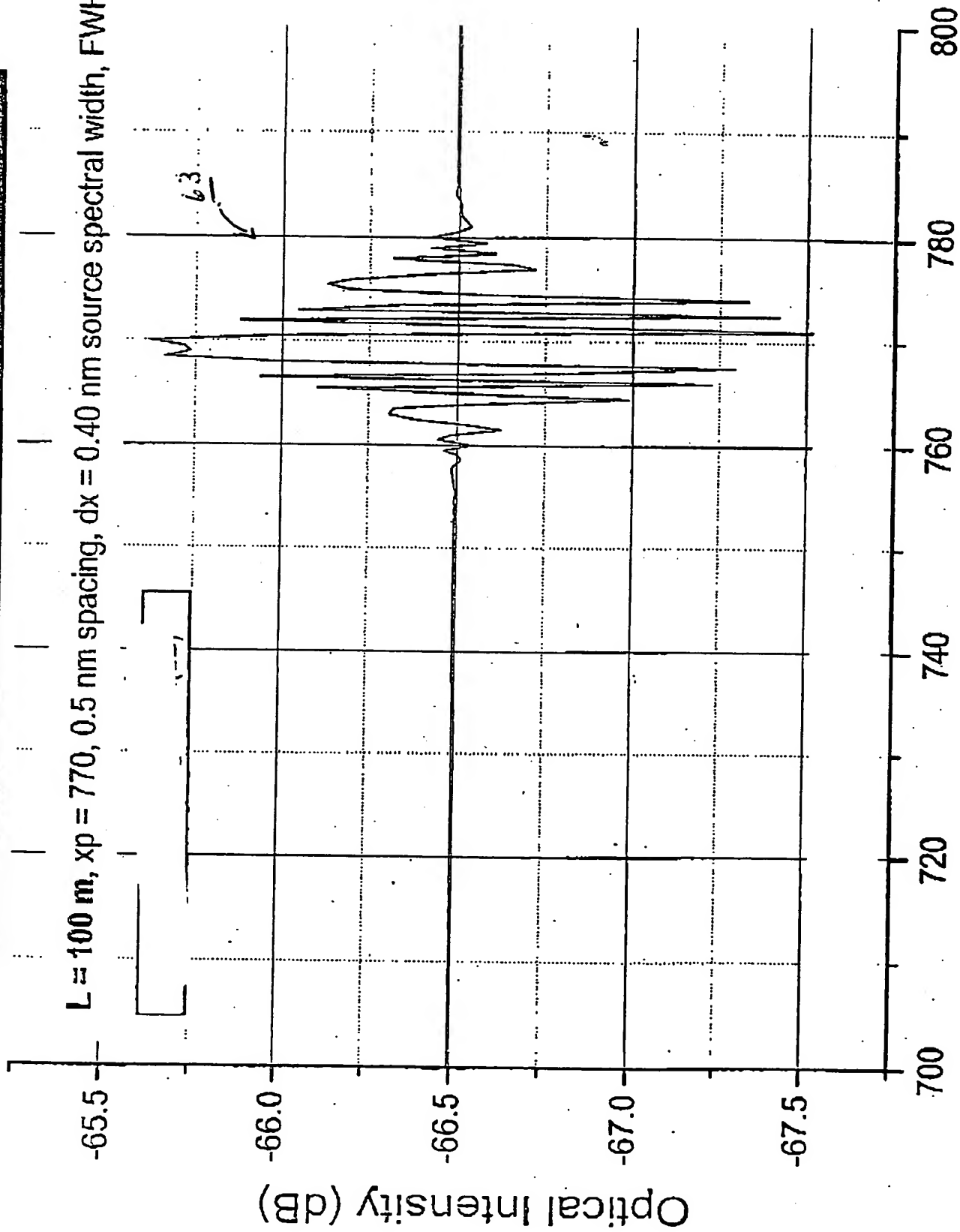


Fig. 8

Wavelength (nm)

2009220 86258991

Simulated Spectrum for Optical Fiber Length = 500 m

$L = 500$ m, $x_p = 770$, 0.5 nm spacing, $dx = 0.40$ nm source spectral width, FWHM

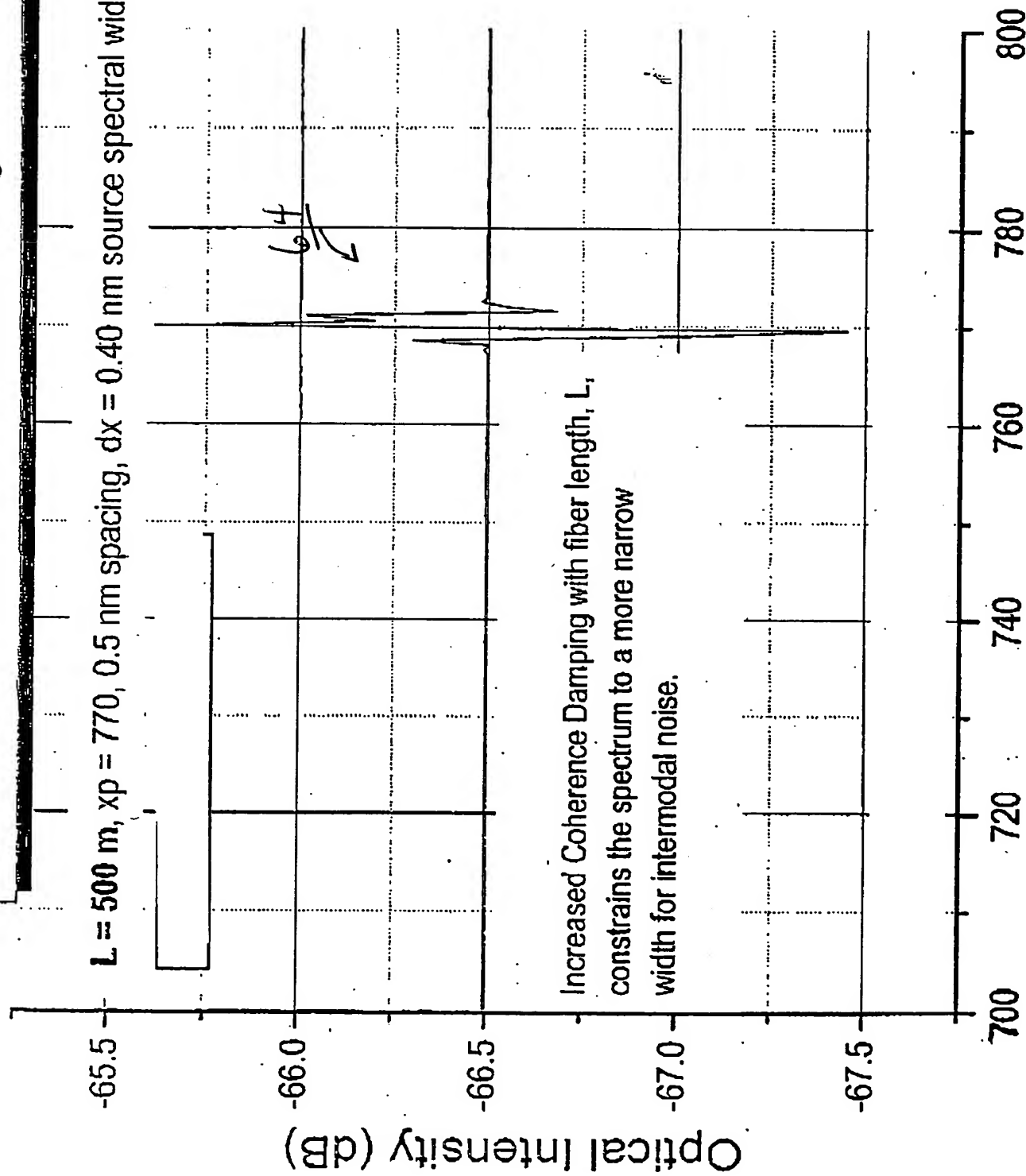


Fig. 9

Simulated Spectrum for Optical Fiber Length = 1000 m

$L = 1000$ m, $x_p = 770$, 0.5 nm spacing, $dx = 0.40$ nm source spectral width, FWHM

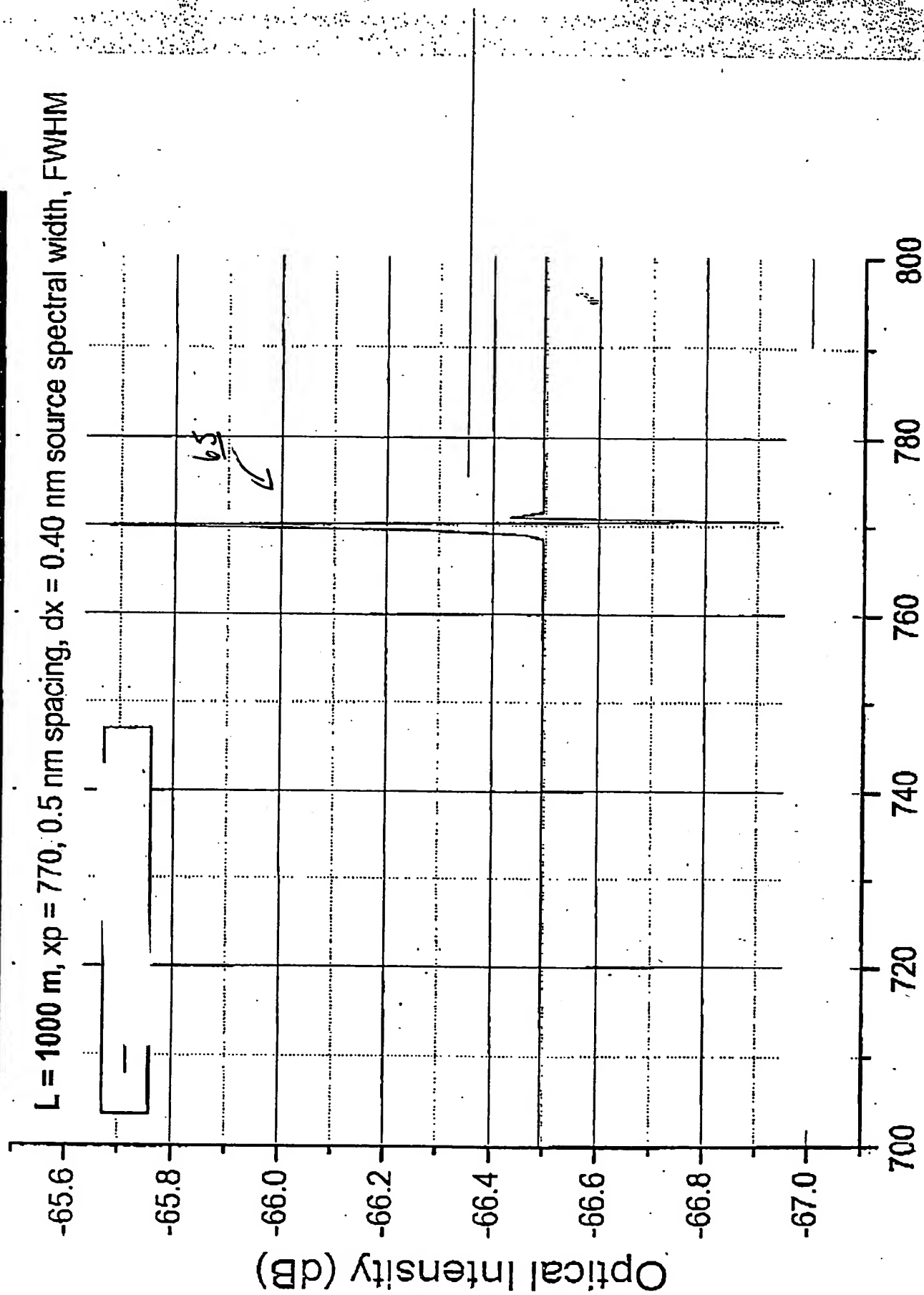


Fig. 10

Wavelength (nm)

Simulated Spectrum for Optical Fiber Length = 2000 m

$L = 2000$ m, $x_p = 770$, 0.5 nm spacing, $dx = 0.40$ nm source spectral width, FWHM

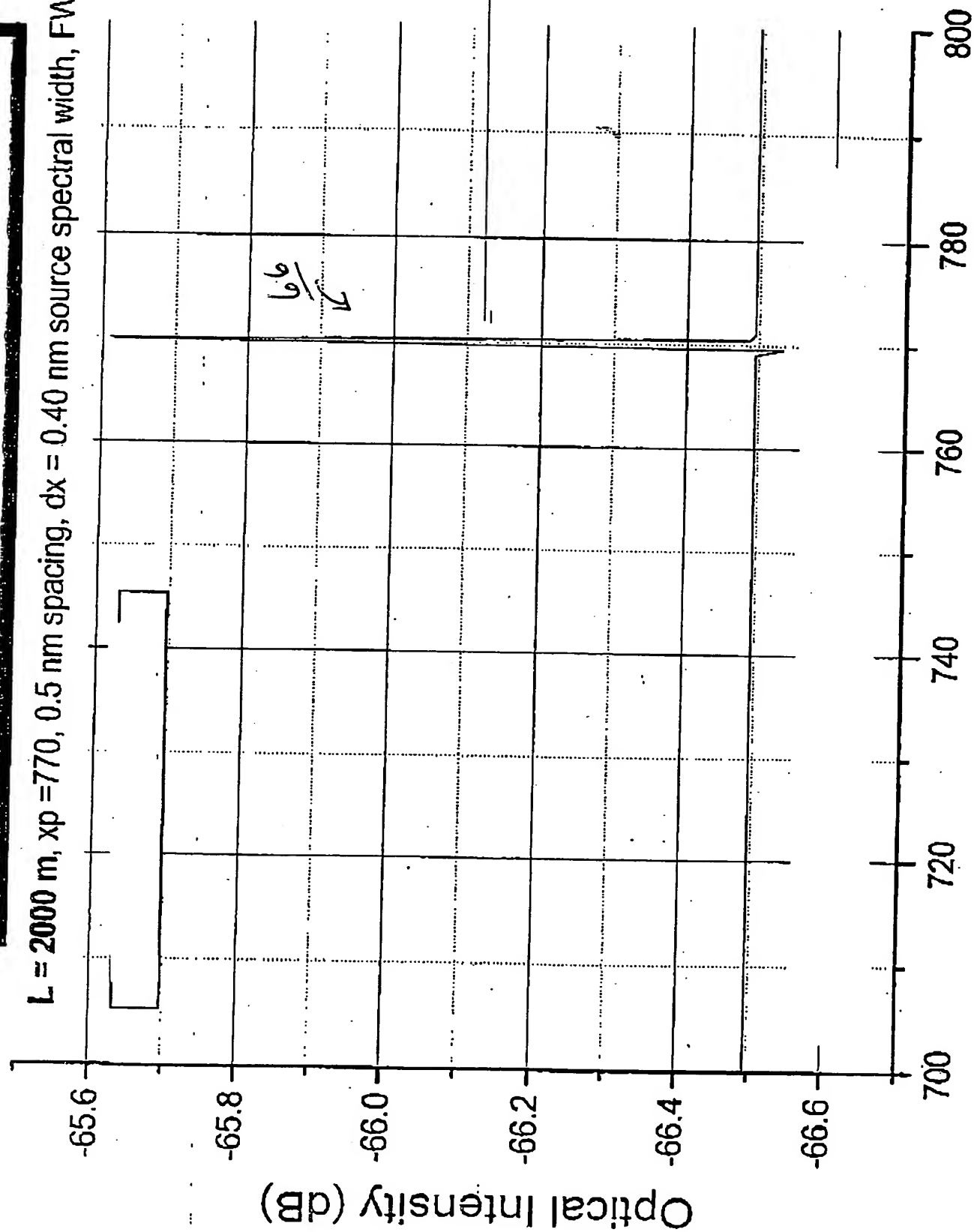
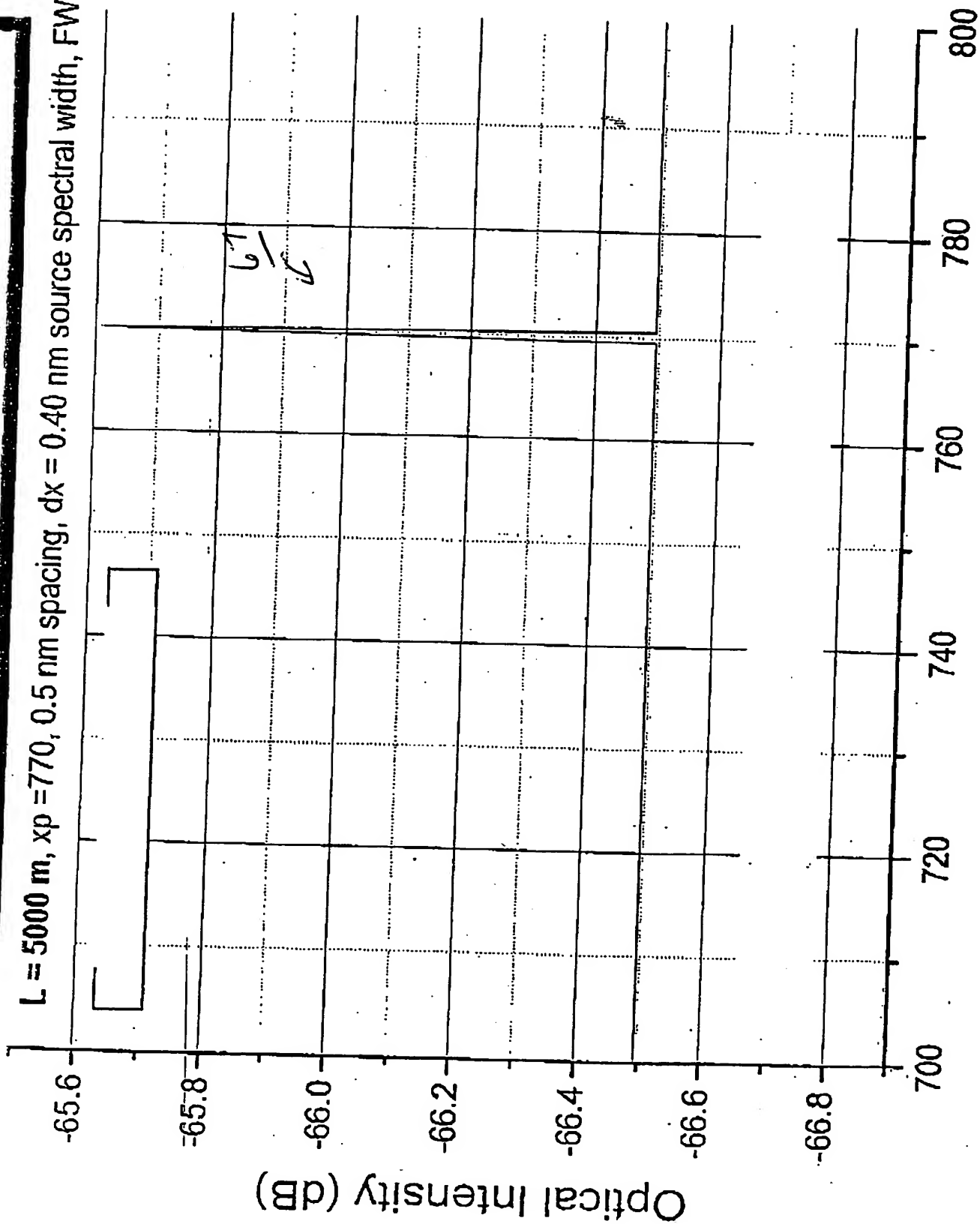


Fig. 11

Wavelength (nm)

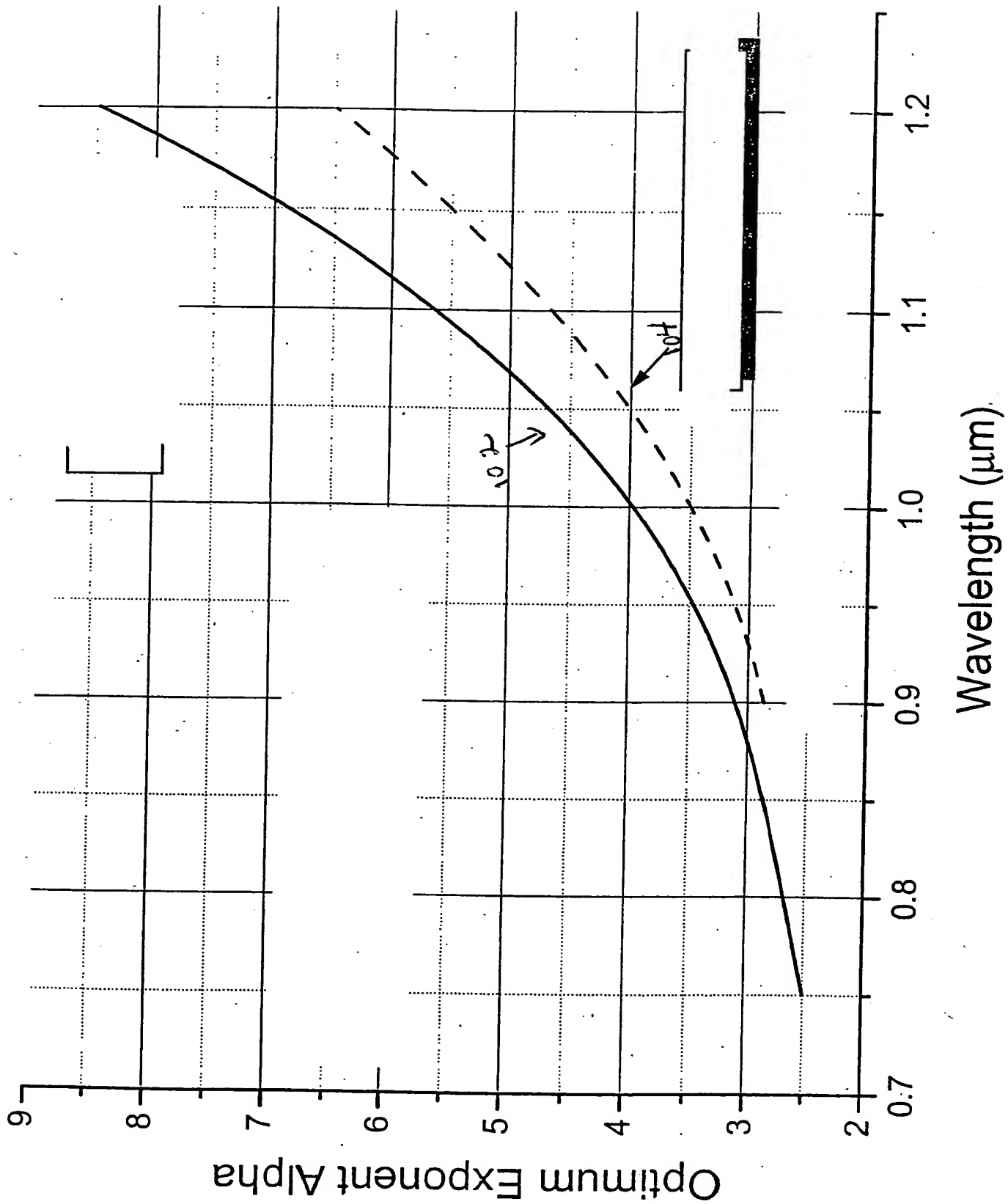
Simulated Spectrum for Optical Fiber Length = 5000 m

$L = 5000$ m, $x_p = 770$, 0.5 nm spacing, $dx = 0.40$ nm source spectral width, FWHM



Wavelength (nm) Fig. 12

Fig. 13.5.25991



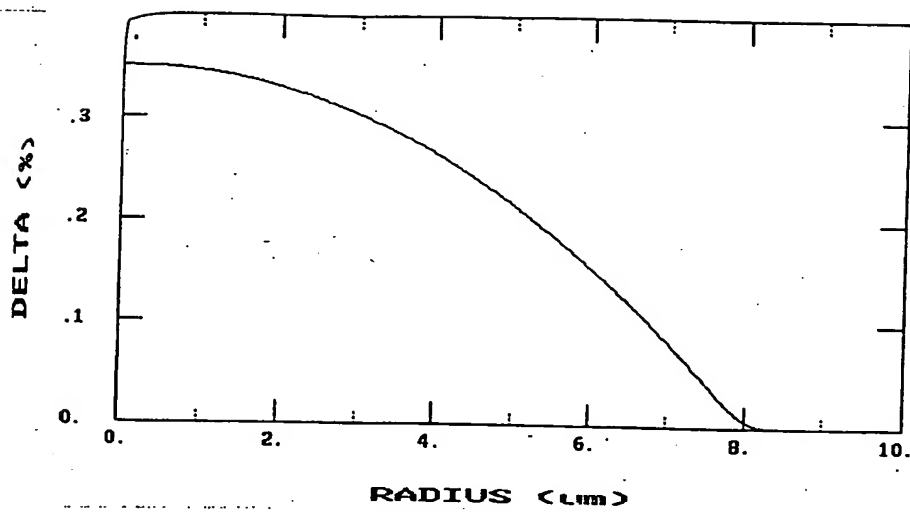


Fig. 14